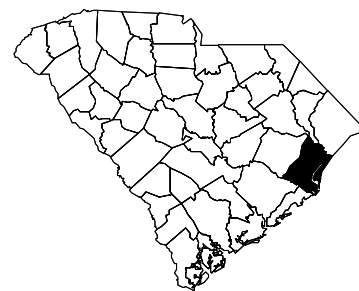


# IMPACT OF CHRONIC CONDITIONS GEORGETOWN County, 2002



In the year 2002, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, diabetes, Alzheimer's disease, pneumonia and influenza, nephritis, nephritic syndrome, nephrosis and septicemia. This report focuses on the chronic conditions of the population of Georgetown county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The distribution of Georgetown county's population is similar to the state population. The majority (34%) of the population in Georgetown county are between the ages of 18-44, and there are more females (52%) than males (48%). Georgetown county has a higher minority population (38%) and a higher elderly population (15%) than the state's (32% and 12% respectively). When adults in Georgetown county were asked about their general health status, 82.6% reported having excellent, very good, or good health in 2002 (SC was 83%).

	GEORGETOWN COUNTY	STATE
<b>Population size</b>	58,263	4,107,183
<b>Age distribution (%)</b>		
<18	23	24
18-44	34	40
45-64	27	24
65-84	14	11
85+	1	1
<b>Race (%)</b>		
White	62	68
Black & Other	38	32
<b>Sex (%)</b>		
Male	48	49
Female	52	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2002 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Georgetown county.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	32	27
Sedentary lifestyle	43	42
Overweight	60	60
High Cholesterol	6	8

Some preventive measures such as immunization were included in the 2002 SC BRFSS. For persons 65 years and older in South Carolina:

30.6% have not received the flu shot in the past 12 months

35.1% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	24.8	.	.	.	.	28.4
Number of hospitalizations	162	106	56	54	108	5,173
Standard rate of hospitalizations (per 100,000)	243	545	120	182	290	125
Median age of hospitalized patients	63	58	73	58	68	63
Total cost of hospitalization (\$)	2,366,000	1,585,000	781,000	805,000	1,561,000	79,350,400
Average length of hospital stay (days)	5	5	5	5	5	5
Number of ED visits	181	111	70	72	109	7,306
Standard rate of ED visits (per 100,000)	287	544	148	249	321	175
Median age of ED patients	58	53	63	58	58	53
Total cost of ED visits (\$)	157,500	97,600	59,900	60,900	96,600	5,902,800
Number of deaths*	16	14	2	7	9	366
Standard death rate (per 100,000)*	24	79	4	28	23	9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	4.39	.	.	.	.	5.13
Number of hospitalizations	816	171	645	480	336	30,831
Standard rate of hospitalizations (per 100,000)	1,155	889	1,264	1,486	870	734
Median age of hospitalized patients	63	58	63	63	68	68
Total cost of hospitalization (\$)	21,501,500	3,890,600	17,610,900	13,118,700	8,382,800	969,122,700
Average length of hospital stay (days)	4	4	4	4	4	5
Number of ED visits	35	6	29	21	14	2,754
Standard rate of ED visits (per 100,000)	49	32	59	71	36	66
Median age of ED patients	63	63	63	58	73	63
Total cost of ED visits (\$)	81,100	7,300	73,800	43,100	38,000	10,617,900
Number of deaths*	158	57	101	75	83	9,723
Standard death rate (per 100,000)*	244	318	218	274	221	246

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	1.94	.	.	.	.	2.38
Number of hospitalizations	373	120	253	184	189	14,317
Standard rate of hospitalizations (per 100,000)	544	635	503	606	492	351
Median age of hospitalized patients	73	73	73	73	73	73
Total cost of hospitalization (\$)	6,923,700	2,964,800	3,958,900	3,381,100	3,542,600	279,819,700
Average length of hospital stay (days)	6	10	5	6	7	6
Number of ED visits	59	23	36	25	34	2,732
Standard rate of ED visits (per 100,000)	86	123	70	80	87	67
Median age of ED patients	68	58	73	68	68	73
Total cost of ED visits (\$)	133,600	62,100	71,500	47,400	86,200	6,322,600
Number of deaths*	52	23	29	21	31	2,816
Standard death rate (per 100,000)*	81	127	63	69	82	73

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	375	122	253	168	207	14,524
Standard rate of hospitalizations (per 100,000)	552	584	501	523	573	351
Median age of hospitalized patients	63	48	70	63	63	58
Total cost of hospitalization (\$)	5,363,800	1,237,100	4,126,700	2,366,700	2,997,100	198,700,700
Average length of hospital stay (days)	6	4	7	6	6	5
Number of ED visits	770	468	302	318	452	37,517
Standard rate of ED visits (per 100,000)	1,353	2,149	855	1,158	1,520	914
Median age of ED patients	33	33	38	28	38	33
Total cost of ED visits (\$)	443,700	249,500	194,200	192,100	251,600	30,607,600
Number of deaths*	39	2	37	20	19	1,891
Standard death rate (per 100,000)*	58	11	74	69	49	48

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	6.33	.	.	.	.	8.33
Number of hospitalizations	229	144	85	107	122	8,652
Standard rate of hospitalizations (per 100,000)	358	707	210	354	365	207
Median age of hospitalized patients	48	53	43	48	53	53
Total cost of hospitalization (\$)	2,563,000	1,614,800	948,200	1,028,900	1,534,100	127,167,500
Average length of hospital stay (days)	6	6	5	5	6	6
Number of ED visits	239	178	61	100	139	9,316
Standard rate of ED visits (per 100,000)	364	914	129	312	405	224
Median age of ED patients	53	53	45	50	53	53
Total cost of ED visits (\$)	186,000	133,000	53,000	88,600	97,400	8,261,100
Number of deaths*	18	11	7	4	3	1,114
Standard death rate (per 100,000)*	26	60	14	15	13	28

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	551	169	382	247	304	24,644
Standard rate of hospitalizations (per 100,000)	824	851	796	748	894	591
Median age of hospitalized patients	63	53	68	68	58	58
Total cost of hospitalization (\$)	10,847,800	2,903,100	7,944,700	5,201,600	5,646,200	605,119,300
Average length of hospital stay (days)	6	5	6	6	5	6
Number of deaths*	118	33	85	61	57	8,320
Standard death rate (per 100,000)*	170	181	166	197	147	203

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	34	6	28	16	18	2,113
Standard rate of hospitalizations (per 100,000)	48	29	55	47	47	51
Median age of hospitalized patients	73	63	78	73	75	68
Total cost of hospitalization (\$)	853,600	144,400	709,200	315,100	538,500	80,248,200
Average length of hospital stay (days)	8	7	8	6	9	10
Number of deaths*	8	5	3	7	1	807
Standard death rate (per 100,000)*	11	27	5	19	3	20

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	24	6	18	.	24	1,465
Standard rate of hospitalizations (per 100,000)	37	28	39	.	69	35
Median age of hospitalized patients	65	50	73	.	65	63
Total cost of hospitalization (\$)	253,200	72,800	180,400	.	253,200	21,213,600
Average length of hospital stay (days)	2	2	2	.	2	3
Number of deaths*	6	2	4	-	6	630
Standard death rate (per 100,000)*	9	11	7	-	15	15

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	222
Standard rate of hospitalizations (per 100,000)	11	19	6	.	21	5
Median age of hospitalized patients	38	43	30	.	38	48
Total cost of hospitalization (\$)	87,800	47,200	40,600	.	87,800	3,668,300
Average length of hospital stay (days)	3	3	4	.	-	4
Number of deaths*	-	-	-	-	-	26
Standard death rate (per 100,000)*	-	-	-	-	3	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	48	5	43	25	23	2,154
Standard rate of hospitalizations (per 100,000)	65	27	79	74	59	51
Median age of hospitalized patients	73	68	73	73	73	68
Total cost of hospitalization (\$)	1,322,700	45,300	1,277,400	603,800	718,900	70,474,400
Average length of hospital stay (days)	8	5	9	7	10	9
Number of deaths*	34	5	29	15	19	2,481
Standard death rate (per 100,000)*	48	27	56	50	49	60

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	46	12	34	46	.	1,353
Standard rate of hospitalizations (per 100,000)	61	64	61	133	.	32
Median age of hospitalized patients	68	68	68	68	.	68
Total cost of hospitalization (\$)	733,100	178,200	554,900	733,100	.	24,726,200
Average length of hospital stay (days)	4	4	4	4	.	4
Number of deaths*	8	2	6	8	-	478
Standard death rate (per 100,000)*	12	11	13	28	-	12

\*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

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